

PhD Scholarship - Experimental Quantum Science

Mon, 2017-04-03 03:28 - [Dr Thomas Volz](#) [1] **At:** Macquarie University, Sydney, Australia
Deadline: 20 May, 2017

Location

Macquarie University North Ryde
Sydney 2109 Australia
33° 46' 25.7664" S, 151° 6' 45.54" E
See map: [Google Maps](#) [2]

We are seeking PhD students for our research program in experimental quantum science. Immediately available are PhD scholarships for excellent candidates.

Our research focuses on the development and investigation of designer quantum systems using nano-engineered materials and optical resonators. We work with different material systems such as diamond and GaAs. Key research directions are nanoscale quantum sensing, many-body quantum dynamics in complex spin systems and studying strongly correlated states of light in the solid state. We are part of an Australian Research Council Centre of Excellence on Engineered Quantum Systems (EQuS).

We are looking for highly motivated self-driven individuals with a huge amount of curiosity, a strong interest in quantum physics and a good technical background. Experience working with lasers and some programming skills are a plus.

More details on our research group can be found at <http://www.qmappmq.org> [3]

The scholarship covers the national/international fees (International: 32,000AUD/yr), and provides an annual stipend of ~25,000 AUD. The PhD provides approx 15,000 AUD for travel and research costs.

DEADLINE May 20 2017

To apply please email a CV and a short motivation letter to [thomas \[dot\] volz \[at\] mq \[dot\] edu \[dot\] au](mailto:thomas.volz@mq.edu.au). Label the Subject of your email as "PhD Application".

- [PhD](#) [4]

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Links:

[1] <http://qurope.eu/users/macquarieuniversity55>

[2] <http://maps.google.com?q=North+Ryde%2C+Sydney+%2C+%2C+2109%2C+au>

[3] <http://www.qmappmq.org/>

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